



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	22.95	0.1972	25.95	0.3936
Middle		1	5	23.03	0.2009	26.03	0.4009
Highest		1	5	22.23	0.1671	25.23	0.3334
Lowest	16QAM	3	1	21.94	0.1563	24.94	0.3119
Middle		3	1	22.09	0.1618	25.09	0.3228
Highest		3	1	21.28	0.1343	24.28	0.2679
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.11	0.2046	26.11	0.4083
Middle		1	14	23.14	0.2061	26.14	0.4111
Highest		1	14	22.38	0.1730	25.38	0.3451
Lowest	16QAM	1	0	21.90	0.1549	24.90	0.3090
Middle		1	0	22.17	0.1648	25.17	0.3289
Highest		1	0	21.60	0.1445	24.60	0.2884
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	23.05	0.2018	26.05	0.4027
Middle		1	24	22.97	0.1982	25.97	0.3954
Highest		1	24	22.10	0.1622	25.10	0.3236
Lowest	16QAM	1	0	21.85	0.1531	24.85	0.3055
Middle		1	0	22.02	0.1592	25.02	0.3177
Highest		1	0	21.41	0.1384	24.41	0.2761
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.10	0.2042	26.10	0.4074
Middle		1	25	22.96	0.1977	25.96	0.3945
Highest		1	25	22.40	0.1738	25.40	0.3467
Lowest	16QAM	1	25	22.11	0.1626	25.11	0.3243
Middle		1	25	22.03	0.1596	25.03	0.3184
Highest		1	25	21.45	0.1396	24.45	0.2786
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.12	0.2051	26.12	0.4093
Middle		1	37	23.00	0.1995	26.00	0.3981
Highest		1	37	22.50	0.1778	25.50	0.3548
Lowest	16QAM	1	37	22.12	0.1629	25.12	0.3251
Middle		1	37	21.99	0.1581	24.99	0.3155
Highest		1	37	21.49	0.1409	24.49	0.2812
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.31	0.2143	26.31	0.4276
Middle		1	49	23.05	0.2018	26.05	0.4027
Highest		1	49	22.70	0.1862	25.70	0.3715
Lowest	16QAM	1	49	22.29	0.1694	25.29	0.3381
Middle		1	49	22.13	0.1633	25.13	0.3258
Highest		1	49	21.73	0.1489	24.73	0.2972
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.70	0.1862	25.70	0.3715
Middle		3	3	23.11	0.2046	26.11	0.4083
Highest		3	3	22.51	0.1782	25.51	0.3556
Lowest	16QAM	3	3	21.75	0.1496	24.75	0.2985
Middle		3	3	22.18	0.1652	25.18	0.3296
Highest		3	3	21.61	0.1449	24.61	0.2891
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.13	0.2056	26.13	0.4102
Middle		1	14	23.25	0.2113	26.25	0.4217
Highest		1	14	22.65	0.1841	25.65	0.3673
Lowest	16QAM	1	8	22.50	0.1778	25.50	0.3548
Middle		1	8	22.18	0.1652	25.18	0.3296
Highest		1	8	22.36	0.1722	25.36	0.3436
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.72	0.1871	25.72	0.3733
Middle		1	12	22.92	0.1959	25.92	0.3908
Highest		1	12	22.59	0.1816	25.59	0.3622
Lowest	16QAM	1	12	22.01	0.1589	25.01	0.3170
Middle		1	12	22.01	0.1589	25.01	0.3170
Highest		1	12	21.97	0.1574	24.97	0.3141
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.92	0.1959	25.92	0.3908
Middle		1	25	23.00	0.1995	26.00	0.3981
Highest		1	25	22.62	0.1828	25.62	0.3648
Lowest	16QAM	1	49	22.33	0.1710	25.33	0.3412
Middle		1	49	21.97	0.1574	24.97	0.3141
Highest		1	49	21.55	0.1429	24.55	0.2851
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.91	0.1954	25.91	0.3899
Middle		1	37	22.90	0.1950	25.90	0.3890
Highest		1	37	22.62	0.1828	25.62	0.3648
Lowest	16QAM	1	37	22.32	0.1706	25.32	0.3404
Middle		1	37	22.08	0.1614	25.08	0.3221
Highest		1	37	21.97	0.1574	24.97	0.3141
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.80	0.1905	25.80	0.3802
Middle		1	0	22.84	0.1923	25.84	0.3837
Highest		1	0	23.10	0.2042	26.10	0.4074
Lowest	16QAM	1	0	21.99	0.1581	24.99	0.3155
Middle		1	0	21.83	0.1524	24.83	0.3041
Highest		1	0	22.39	0.1734	25.39	0.3459
Limit	EIRP < 1W			Result		PASS	